

PATENT COOPERATION TREATY

PCT

Rec'd PCT/PTO 24 JUN 2005

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference P032789WO	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/GB 03/05651	International filing date (day/month/year) 24/12/2003	(Earliest) Priority Date (day/month/year) 24/12/2002
Applicant METRIS THERAPEUTICS LIMITED		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 4 sheets.

☒ It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐ contained in the international application in written form.

☐ filed together with the international application in computer readable form.

☐ furnished subsequently to this Authority in written form.

☐ furnished subsequently to this Authority in computer readable form.

☐ the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐ the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☒ **Certain claims were found unsearchable** (See Box I).

3. ☐ **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

☐ the text is approved as submitted by the applicant.

☒ the text has been established by this Authority to read as follows:

PIPERIDINYL-THIAZOLE CARBOXYLIC ACID DERIVATIVES AS ANGIOGENESIS INHIBITORS

5. With regard to the **abstract**,

☒ the text is approved as submitted by the applicant.

☐ the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

☐ as suggested by the applicant.

☐ because the applicant failed to suggest a figure.

☐ because this figure better characterizes the invention.

☐ None of the figures.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/GB 03/05651

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D417/04 C07D417/14 C07D487/04 A61K31/427 A61P35/00
 //(C07D487/04,253:00,231:00)

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 00356 A (GONG YONG ;KLEIN SCOTT I (US); PAULS HEINZ W (US); GUERTIN KEVIN R) 7 January 1999 (1999-01-07) claims; examples 275,290-293 ---	1,33-39
A	WO 95 33050 A (SHARKEY ANDREW MARK ;SMITH STEPHEN KEVIN (GB); LYNXVALE LTD (GB);) 7 December 1995 (1995-12-07) claims ---	1,33,38
A	US 3 966 748 A (SAFIR SIDNEY ROBERT ET AL) 29 June 1976 (1976-06-29) claims; examples 4,7,12,16,21 -----	1,33,38

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

22 March 2004

Date of mailing of the international search report

01/04/2004

Name and mailing address of the ISA

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Authorized officer

Chouly, J

INTERNATIONAL SEARCH REPORT

International application No.
PCT/GB 03/05651

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 37, 41-46 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB 03/05651

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9900356	A	07-01-1999	US 6080767 A	27-06-2000
			AP 1061 A	24-04-2002
			AU 741173 B2	22-11-2001
			AU 8177198 A	19-01-1999
			BG 103264 A	31-01-2000
			BR 9806060 A	31-08-1999
			CA 2264556 A1	07-01-1999
			CN 1236358 T	24-11-1999
			EA 2358 B1	25-04-2002
			EP 0931060 A1	28-07-1999
			HU 0202655 A2	28-11-2002
			JP 2001500532 T	16-01-2001
			NO 990854 A	23-04-1999
			PL 331985 A1	16-08-1999
			SK 22099 A3	09-10-2000
			WO 9900356 A1	07-01-1999
			US 6277865 B1	21-08-2001
			ZA 9805664 A	13-01-1999
WO 9533050	A	07-12-1995	AU 695393 B2	13-08-1998
			AU 2535495 A	21-12-1995
			CA 2191071 A1	07-12-1995
			CN 1159827 A	17-09-1997
			EP 0783571 A1	16-07-1997
			WO 9533050 A1	07-12-1995
			JP 10504183 T	28-04-1998
			NZ 285834 A	28-10-1998
			US 6011003 A	04-01-2000
US 3966748	A	29-06-1976	NONE	